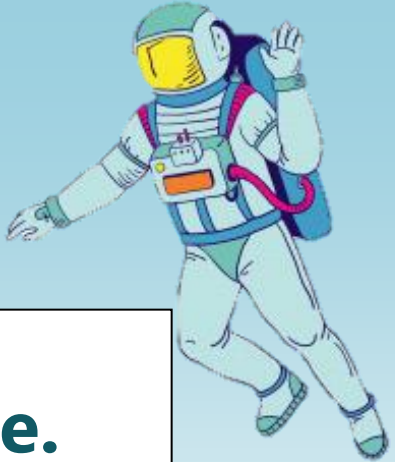




Welcome to Certified Junior Astronauts Training Course.
The title of this lecture is: How to become a future astronaut?



Certified Junior Astronaut Training Course

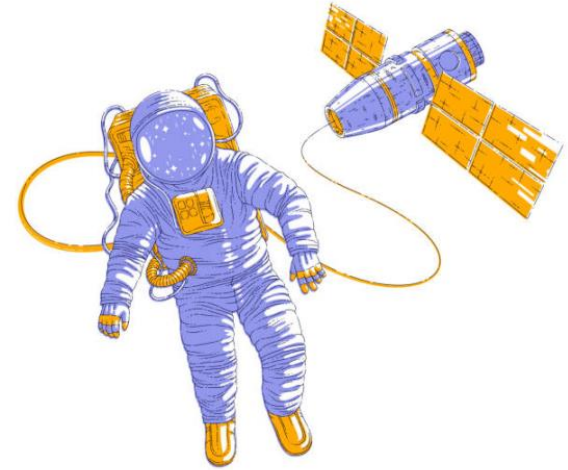


How to become a future astronaut?





In this lecture, we tackle the following inquiries:



**Who
is an
astronaut?**

**What does
an
astronaut
mainly do?**

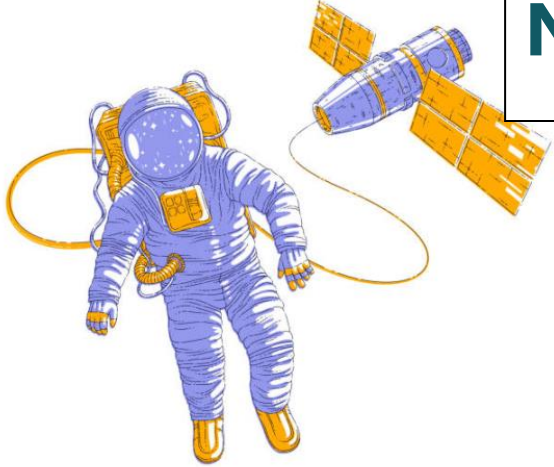
**What are
the criteria
by which an
astronaut is
selected?**

**What
knowledge
should an
astronaut
have?**



In this lecture, we tackle the following inquiries:

Now we start with the first inquiry, which is:



**Who
is an
astronaut?**

**What does
an
astronaut
mainly do?**

**What are
the criteria
by which an
astronaut is
selected?**

**What
knowledge
should an
astronaut
have?**



Who is an astronaut?



- + Astronaut is a two-part Greek word meaning "space sailor"
- + Astronaut is a person who works in space outside the Earth's atmosphere, whether he or she is a scientist, tourist or hobbyist





Cont.. Who is an astronaut?

- ✚ An astronaut is trained by going through a spaceflight program to perform a specific mission with the crew of The International Space Station or a space shuttles
- ✚ Anyone can be an astronaut, but this is only possible after passing several tests, for example (scientific - medical - sports – aptitude - psychological)
- ✚ Being an astronaut isn't the only job you can get in the field of space. You can find many other job opportunities available in various fields of space on the Space Career Websites recommended by us (on our homepage).





In this lecture, we tackle the following inquiries:

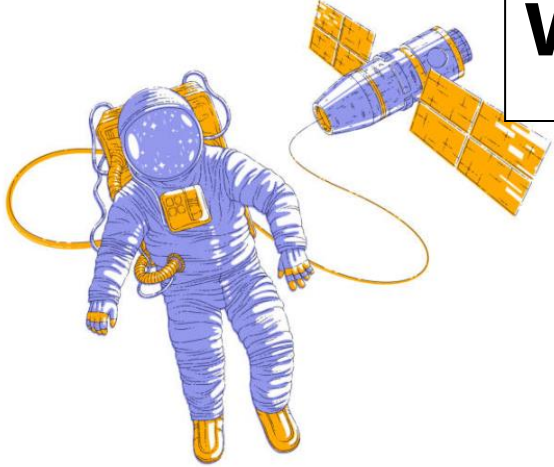
What does an astronaut mainly do?

What knowledge should an astronaut have?

What are the criteria by which an astronaut is selected?

What does an astronaut mainly do?

Who is an astronaut?





What does an astronaut mainly do?

- ✚ An astronaut travels to space and lives on space stations, such as "the International Space Station ISS" for a period of time ranging from several weeks to 6 months, depending on their mission's requirements.
- ✚ The ISS contains several laboratories designed to conduct researches & experiments in the space environment. The station also accommodates a group of astronauts.





Cont.. What does an astronaut mainly do?

An astronaut performs a number of tasks, including:

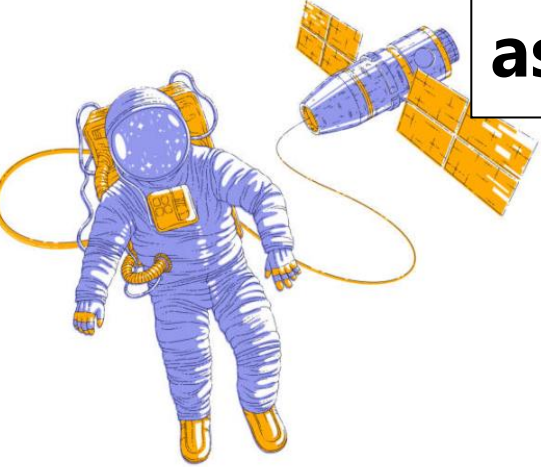
- ✦ Operating the Space Station and ensuring its proper operations
- ✦ Monitoring the earth
- ✦ Exploring the outer space
- ✦ Carrying out scientific researches and experiments, in special laboratories on board.





In this lecture, we tackle the following inquiries:

What are the criteria by which an astronaut is selected?



What are the criteria by which an astronaut is selected?

What knowledge should an astronaut have?

Who is an astronaut?

What does an astronaut mainly do?





What are the criteria by which an astronaut is selected?

Due to the special nature of an astronaut's work, he or she is selected according to several criteria, including:

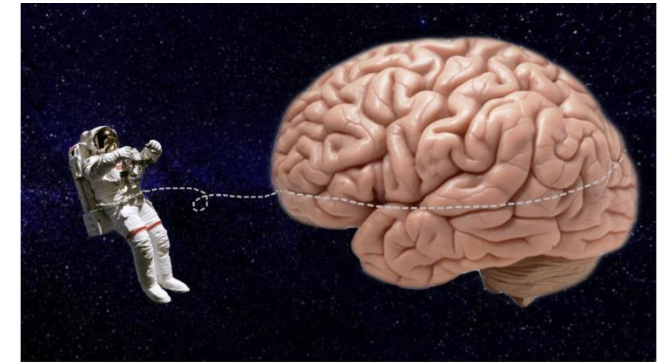
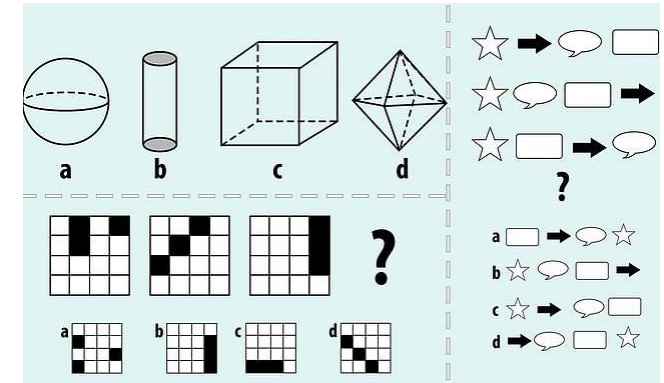
- + having an adventurous spirit
- + having an appropriate high university degree
- + good command of English language skills
- + medically fit





What are the criteria by which an astronaut is selected?

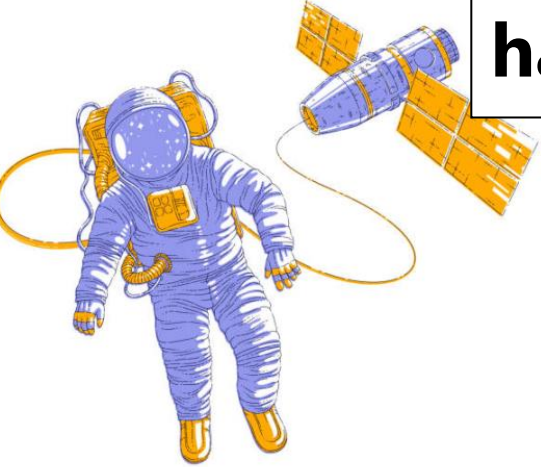
- ✚ to pass aptitude tests
- ✚ to pass psychological tests
- ✚ to pass sports test
- ✚ to preferably have an aircraft pilot's license





In this lecture, we tackle the following inquiries:

What knowledge should an astronaut have?



What are the criteria by which an astronaut is selected?

What knowledge should an astronaut have?

Who is an astronaut?

What does an astronaut mainly do?

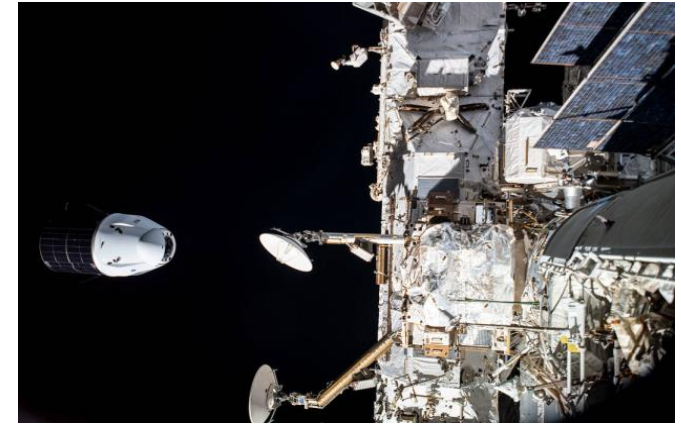




What knowledge should an astronaut have?

Before sending an astronaut to the International Space Station, he or she must be a professional in several areas, including:

- + Training on all processes from launching till reaching the International Space Station.
- + Training on using and operating all subsystems of the space station.

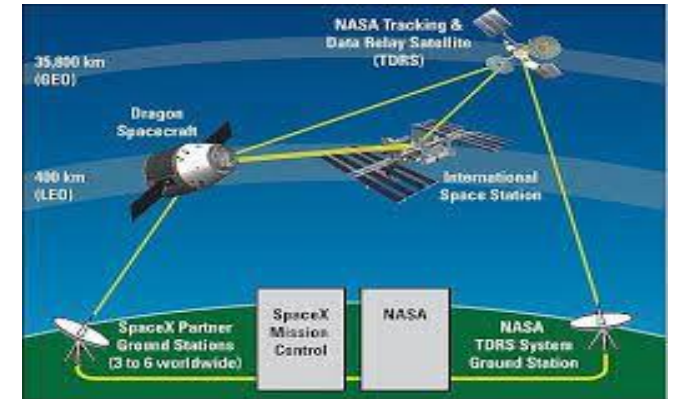




Cont.. What knowledge should an astronaut have?



- ✚ Training on space technology and space environment.
- ✚ Training on communication with ground stations in order to be able to send and receive information and telemetry data.
- ✚ Training on remote photography and sending raw data to the ground station.
- ✚ Training on how to return back to the earth safely.



Finally, we have reached the end of our lecture, and we have covered an overview about astronauts.



Thank you for your undivided attention

